1	L	Number	Hits	Search Text	DB	Time atoms
DEMS or dihalodialky/silane or (dihalo adj dialkyl adj silane) or dinkyldiahosilane or (dialkyl adj dihalo adj silane) or dinkyldiahosilane or dinkyldiahosilane or dichlorodierhylsilane or dichlorodierhylsilane or dippopyldichlorosilane or dippopyldichlorosilane or dichlorodierhylsilane or dippopyldichlorosilane or dichlorodierhylsilane or dichlorodierhylsilane or dishalo adj dialkyl adj silane) or dialkyldiahosilane or (dialkyl adj dihalo adj silane) or diskyldiahosilane or (dialkyl adj dihalo adj silane) or dichlorodierhylsilane or nitrogen) with (aeposit3) with (vapor\$3) with (deposit\$3 or \$4CVD or coat\$3 or film or layer) and (N2 or "N. Sub.2" or nitrogen) with carrier) 26 (vapor adj deposit\$3) with \$10silane rest? (coat\$3 or film or layer) and (N2 or "N. Sub.2") with carrier) 27 ((IMBMS or micromechanical or (micro adj mechanical) or (microelectromechanical) or (microelectro						
dialkyl adj silane) or dialkyldihalosilane or (dialkyl adj dihalo adj silane) or diaktyldichlorosilane or diethorodinethylsilane or diethyldichlorosilane or or layer) same (N2 or "N. sub.2" or nitrogen) 5 ((\$20\$silyloxy or OTS or EUTS or EOTS or DESS or dialodialkylsilane or (dihalo adj dialkyl adj silane) or dialkyldihalosilane or diethyldichlorosilane or or nitrogen) with carrier) 26 ((wapor adj deposit\$3) with \$10\$silane near2 (coat\$3 or film or layer)) and ((nitrogen or N2 or "N. sub.2") with carrier) 6 ((introgen or N2 or "N. sub.2") with carrier) 2004/11/03 09:12 2004/11/03 09:12 2004/11/03 09:12 2004/11/03 09:12 2004/11/03 09:49 USPAT; 2004/11/03 09:50				DDMS or dihalodialkylsilane or (dihalo adi	1	2004/11/05 05.05
or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodisthylsilane or dichlorodisthylsilane or dichlorodisthylsilane or dichlorodisthylsilane or dichlorodisthylsilane or dichlorodisthylsilane or dishalo adj dialkyl adj silane) or dialkyldihalosilane or dichlorodimethylsilane or dichlo				dialkyl adi silane) or dialkyldihalosilane	05 10105	
dimethyldichlorosilane or dichlorodiachlysilane or nitrogen with carrier) 3 26 ((wapor ad) deposit\$3) with \$10silane near2 (coal\$3 or film or layer) and ((nitrogen or N2 or "N. sub.2") with carrier) 4 ((iMpMs or micromechanical or (micro ad) mechanical) or (micro ad) mechanical) or (micro ad) electro ad) mechanical) or (micro ad) dialkyl ad) silane) or dichlorodiachlysilane or dihalo ad) dialkyl ad) dialalalalalalalalalalalalalalalalalalal				or (dialkyl adj dihalo adj silane) or		
dichlorodimethylsilane or dichtyldichlorosilane or dichtyldichlorosilane or dichtyldichlorosilane or dichtyldichlorosilane or dichlorodipropylsilane) with (vapor\$3) with (deposit\$5 or \$4CVD or coat\$3 or film or layer] same (N2 or "N.sub.2" or introgen); 5 (Wissilane) or GFTS or FOTS or GWS of the state of the state of the state or dichlorodichtylsilane or (dialatyl adj dishlor of days) dichlorodilane or layer) and (N2 or "N.sub.2" with (deposit\$3) with (deposit\$3) with (deposit\$3) with \$10silane near2 (coat\$3 or film or layer)) and (nitrogen or N2 or "N.sub.2" with ("Introgen or N2 or "N.sub.2" with ("Introgen or N2 or "N.sub.2") with ("Introgen or "N2						
dichlydichlorosilane or dichlorodicthylsilane or dichlorodicthylsilane or dipropyldichlorosilane or dichlorodictopylsilane) with (vapor\$3) with (deposit\$3) or \$4CVD or coat\$3 or film or layer) same (N2 or "N.sub.2" or nitrogen)) { (Is20silyloxy or OTS or FDTS or FOTS or DDMS or dihalodialkylsilane or (dilakyl adj dihalo adj dilakyl adj dihalo adj dilakyl adj dihalo or dichlorodicthylsilane o						
dipropyldichlorosilane or dichlorodicpoylsialane) with (wapor\$3) with (deposit\$3 or \$4CVD or coat\$3 or film or layer) same (NZ or "N.sub.2" or introgen)) 2					Ì	
dipropyldichlorosilane or dichlorodicpoylsialane) with (wapor\$3) with (deposit\$3 or \$4CVD or coat\$3 or film or layer) same (NZ or "N.sub.2" or introgen)) 2						
with (deposits3 or \$4CVD or coat\$3 or film or layer) same (N2 or "N.sub.2" or nirrogen)) (\$20silyloxy or OTS or FDTS or FOTS or DDMS or dishalodialkylasilane or (dishaloadialkylasilane) or dishkyladiholosilane or (dialkyl adj dishalo adj silane) or dishkyladiholorosilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodiethylsilane or "N. sub.2" or nitrogen) with carrier; 2004/11/03 09:12 2004/11/03						
with (deposits3 or \$4CVD or coat\$3 or film or layer) same (N2 or "N.sub.2" or nirrogen)) (\$20silyloxy or OTS or FDTS or FOTS or DDMS or dishalodialkylasilane or (dishaloadialkylasilane) or dishkyladiholosilane or (dialkyl adj dishalo adj silane) or dishkyladiholorosilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodiethylsilane or "N. sub.2" or nitrogen) with carrier; 2004/11/03 09:12 2004/11/03				dichlorodipropylsilane) with (vapor\$3)		
or layer) same (N2 or "N.sub.2" or nitrogen) ((\$20\$ilyloxy or OTS or FDTS or FDTS or DDMS or dishalodialkylsilane or (dishalo adj dialkyl adj silane) or dishalodialsyldihalosilane or (dialkyl adj dishalo adj silane) or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodipropylsilane) with (vapor\$3) with (deposit\$3 or \$4CVD or coat\$3 or film or layer) and ((N2 or "N.sub.2") with carrier] 26 ((vapor adj deposit\$3) with \$10\$silane near2 (coat\$3 or film or layer)) and ((nitrogen or N2 or "N.sub.2") with carrier] 12 ((MEMS or micromechanical or (micro adj mechanical) or (micro adj electro adj mechanical) or (microelectromechanical) or (micro adj electro adj mechanical) or (nano adj electro adj mechanical) or NBS or bioMBMS) and (Ashurst.in. or Msboudian.in. or Carraro.in. or Frey.in. or (Regents near3 University near2 California).as.)) and (\$15\$silyloxy or OTS or FDTS or FDTS or FDTS or DDMS or dishalodialkylsilane or dichlorodimethylsilane or dishyldichlorosilane or dichlorodimethylsilane or dishyldichlorosilane or dichlorodimethylsilane or dishyldichlorosilane or dichlorodimethylsilane or dishyldichlorosilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodicthylsilane or dichlor	İ			with (deposit\$3 or \$4CVD or coat\$3 or film		
2 5 ((\$20\$ilyloxy or OTS or FDTS or FOTS or DDNS or dishalodialkylsiane or (dishalo adj dialkyl adj dishalo adj silane) or (dialkyl adj dishalo adj silane) or diethyldichlorosilane or diethorodiropylsilane) with (vapor\$3) with (deposit\$3 or \$4CVD or coat\$3 or film or layer) and ((N2 or "N. sub.2" or nitrogen) with carrier) US-PGPUB US-PGPUB (vapor adj deposit\$3) with \$10silane near2 (coat\$3 or film or layer) and ((n1 corrier) US-PGPUB (n1 corrier) US-PGPUB US-PGPUB (n1 corrier) US-PGPUB US-PG				or layer) same (N2 or "N.sub.2" or		
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dialkyl adj silane) or dialkyldihalosilane or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodichylsilane or dichlorodichylsilane or dichlorodichylsilane or dichlorodichylsilane with (vapor\$3) with (deposit\$3 or \$4CVD or coat\$3 or film or layer) and (N2 or "N. sub.2" or nitrogen) with carrier? 26 ((vapor adj deposit\$3) with \$10silane near2 (coat\$3 or film or layer)) and (nitrogen) or N2 or "N. sub.2") with carrier? 12 (((MEMS or micromechanical or (micro adj mechanical) or (micro adj electro adj mechanical) or nanoelectromechanical) or nanoelectromechanical or (nano adj electro adj mechanical) or NEMS or bioMEMS)) and (Ashurst.in. or Maboudian.in. or Carraro.in. or Frey.in. or (Regents near3 University near2 California).as.)) and (\$15silyloxy or OT\$ or FDT\$ or FDT\$ or DDMS or dihalodialkylsilane or dichlorodichylsilane or (ano adj electro adj mechanical) or (micro adj electro adj e				DDMS or dihalodialkylsilane or (dihalo adj		= 3 3 7 2 2 7 3 3 3 3 1 2 2
or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodiethylsilane or dichlorodiethylsilane or dichlorodiethylsilane or dichlorodiethylsilane or dichlorodipropylsilane) with (vapor\$3) with (deposit\$3 or \$4CUD or coat\$3 or film or layer) and ((N2 or "N.sub.2" or nitrogen) with carrier) 26 ((vapor ad) deposit\$3] with \$10silane near2 (coat\$3 or film or layer) and ((nitrogen or N2 or "N.sub.2") with carrier) 12 ((MEMS or micromechanical or (micro adj mechanical) or (micro adj depositas) with silane or (micro adj mechanical) or (micro adj depositas) and (Ashurst.in. or Maboudian.in. or Carraro.in. or Frey.in. or (Regents near3 University near2 California).as.)) and (\$15silyloxy or OTS or FDTS or FDTS or OTS or DDMS or dihalodialkylsilane or (dihalo adj dialkyl adj silane) or dialkyldihalosilane or dichlorodimethylsilane or (dichlorodimethylsilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodimethylsilane or (micro adj mechanical) or NEMS or bioMEMS) and (Ashurst.in. or Maboudian.in. or Carraro.in. or Frey.in. or (Regents near3 University near2 California).as.)) and (Ashurst.in. or Maboudian.in. or Carraro.in. or Frey.in. or (Regents near3 University near2 California).as.)) and (Ashurst.in. or Maboudian.in. or Carraro.in. or Frey.in. or (Regents near3 University near2 California).as.)) and (Ashurst.in. or Maboudian.in. or Carraro.in. or Frey.in. or (Regents near3 University near2 California).as.)) and (\$15silyloxy or OTS or FDTS or FOTS or DDMS or dihalodialkylsilane or (dihalo adj dialkyl adj silane) or didikyldihalosilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodicthylsilane or dic				dialkyl adj silane) or dialkyldihalosilane		
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3 26				or layer)) and ((N2 or "N.sub.2" or		
near2 (coat\$3 or film or layer)) and ((nitrogen or N2 or "N.sub.2") with carrier) ((MEMS or micromechanical or (micro adj mechanical) or (micro adj electro adj mechanical) or nanoelectromechanical or (nano adj electro adj mechanical) or nanoelectromechanical or (nano adj electro adj mechanical) or nanoelectromechanical or (nano adj electro adj mechanical) or NEMS or bioMEMS)) and (Ashurst.in. or Maboudian.in. or Carraro.in. or Frey.in. or (Regents near3 University near2 California).as.)) and (\$15silyloxy or OTS or FDTS or FDTS or DDMS or dihalodialkylsilane or dihalo adj dialkyl adj silane) or dialkyldihalosilane or dichlorodimethylsilane or dichlorodimethylsilane or dichlorodiethylsilane or dichlorodipropylsilane or DDMS) (((MEMS or micromechanical or (micro adj mechanical) or (microelectromechanical) or (microelectromechanical						
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or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or dichlorodimethylsilane or diethyldichlorosilane or dichlorodiethylsilane or dipropyldichlorosilane or			•	dialkyl adj silane) or dialkyldihalosilane		
dimethyldichlorosilane or dichlorodimethylsilane or diethyldichlorosilane or dichlorodiethylsilane or dipropyldichlorosilane or				or (dialkyl adj dihalo adj silane) or		
dichlorodimethylsilane or diethyldichlorosilane or dichlorodiethylsilane or dipropyldichlorosilane or				dimethyldichlorosilane or		
diethyldichlorosilane or dichlorodiethylsilane or dipropyldichlorosilane or	1			dichlorodimethylsilane or		į
dichlorodiethylsilane or dipropyldichlorosilane or				diethyldichlorosilane or		
dipropyldichlorosilane or		ļ	1	dichlorodiethylsilane or		
dichlorodipropylsilane or DCDMS or DMDCS)				dipropyldichlorosilane or		
				dichlorodipropylsilane or DCDMS or DMDCS)	ļ	

4		12	(((MEMS or micromechanical or (micro adj	USPAT;	2004/11/03 09:50
			mechanical) or (microelectromechanical) or	US-PGPUB	
			(micro adj electro adj mechanical) or		
			nanoelectromechanical or (nano adj electro adj mechanical) or NEMS or bioMEMS)) and		
			(Ashurst.in. or Maboudian.in. or		
İ			Carraro.in. or Frey.in. or (Regents near)		
-			University near2 California).as.)) and	1	
1			(\$15silyloxy or OTS or FDTS or FOTS or		
İ			DDMS or dihalodialkylsilane or (dihalo adi		
			dialkyl adj silane) or dialkyldihalosilane		
			or (dialkyl adj dihalo adj silane) or		ļ
			dimethyldichlorosilane or		
			dichlorodimethylsilane or		ļ
			diethyldichlorosilane or dichlorodiethylsilane or		
			dipropyldichlorosilane or		
	•		dichlorodipropylsilane)		
7		2	((\$20silyloxy or OTS or FDTS or FOTS or	USPAT;	2004/11/02 00 51
			DDMS or DCDMS or DMDCs or	US-PGPUB	2004/11/03 09:51
İ			dihalodialkylsilane or (dihalo adj dialkyl	05 10105	
			adj silane) or dialkyldihalosilane or		
			(dialkyl adj dihalo adj silane) or		
			dimethyldichlorosilane or		
			dichlorodimethylsilane or diethyldichlorosilane or		
1	ĺ		dichlorodiethylsilane or		
			dipropyldichlorosilane or		
			dichlorodipropylsilane) with (vapor\$3))		1
İ			and (Ashurst.in. or Maboudian.in. or		
			Carraro.in. or Frey.in. or (Regents near3		1
8		21	University near2 California).as.)		1 .
"		31	((MEMS or micromechanical or (micro adj	EPO; JPO;	2004/11/03 09:51
			mechanical) or (microelectromechanical) or (micro adj electro adj mechanical) or	DERWENT;	
		-	nanoelectromechanical or (nano adj electro	IBM_TDB	
			adj mechanical) or NEMS or bioMEMS)) and		
		j	(Ashurst.in. or Maboudian.in. or		
			Carraro.in. or Frey.in. or (Regents near)		
	1		University near2 California).as.)		
9		1	(((MEMS or micromechanical or (micro adj	EPO; JPO;	2004/11/03 09:52
		1	mechanical) or (microelectromechanical) or	DERWENT;	
1			(micro adj electro adj mechanical) or	IBM_TDB	1
		Ì	nanoelectromechanical or (nano adj electro adj mechanical) or NEMS or bioMEMS)) and		
			(Ashurst.in. or Maboudian.in. or		
1			Carraro.in. or Frev.in. or (Regents near)		
			University near2 California).as.)) and		
			(\$15silyloxy or OTS or FDTS or FOTS or		
İ		1	DDMS or dihalodialkylsilane or (dihalo adj		
1		ł	dialkyl adj silane) or dialkyldihalosilane		1
			or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or		1
İ			dichlorodimethylsilane or		
			diethyldichlorosilane or		1
ŀ	Ì		dichlorodiethylsilane or		
		1	dipropyldichlorosilane or		
10			dichlorodipropylsilane)		
10		1	((\$20silyloxy or OTS or FDTS or FOTS or	EPO; JPO;	2004/11/03 09:54
İ		1.	DDMS or dihalodialkylsilane or (dihalo adj	DERWENT;	
	.]		dialkyl adj silane) or dialkyldihalosilane or (dialkyl adj dihalo adj silane) or	IBM_TDB	
			dimethyldichlorosilane or		
			dichlorodimethylsilane or		
		- (diethyldichlorosilane or		
		- (dichlorodiethylsilane or		
		- (dipropyldichlorosilane or	į	
		1	dichlorodipropylsilane) same (vapor\$3))		
			and (Ashurst or Maboudian or Carraro or		
			Frey or (Regents near3 University near2 California))		
			outhtotiita//		

11	1292	(427/58).CCLS.	USPAT;	2004/11/03 09:54
12	2533	(427/248.1,255.14,255.6,255.23).CCLS.	US-PGPUB USPAT; US-PGPUB	2004/11/03 09:54
13	4	(427/421).CCLS.	USPAT; US-PGPUB	2004/11/03 09:54
14	4	(427/421).CCLS.	USPAT; US-PGPUB	2004/11/03 09:54
15	4	(427/421).CCLS.	USPAT;	2004/11/03 09:55
16	276	(427/421.1).CCLS.	US-PGPUB USPAT; US-PGPUB	2004/11/03 09:55
17	386	(427/255.18,255.27).CCLS.	USPAT;	2004/11/03 09:56
18	4136	((427/58).CCLS.) ((427/248.1,255.14,255.6,255.23).CCLS.) ((427/421).CCLS.) ((427/255.18,255.27).CCLS.)	US-PGPUB USPAT; US-PGPUB	2004/11/03 09:56
19	0	((427/255.17).CCLS.) ((MEMS or micromechanical or (micro adj mechanical) or (microelectromechanical) or (micro adj electro adj mechanical) or nanoelectromechanical or (nano adj electro adj mechanical) or NEMS or bioMEMS)) and	USPAT; US-PGPUB	2004/11/03 09:56
20	1	((427/255.17).CCLS.) ((\$20silyloxy or OTS or FDTS or FOTS or DDMS or DCDMS or DMDCS or dihalodialkylsilane or (dihalo adj dialkyl adj silane) or dialkyldihalosilane or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or dichlorodimethylsilane or diethyldichlorosilane or dichlorodiethylsilane or dipropyldichlorosilane or dichlorodipropylsilane)) and	USPAT; US-PGPUB	2004/11/03 09:57
21	70	((427/255.17).CCLS.) (427/255.17).CCLS.	USPAT;	2004/11/03 09:57
22		(((427/58).CCLS.) ((427/248.1,255.14,255.6,255.23).CCLS.) ((427/421).CCLS.) ((427/255.18,255.27).CCLS.) ((427/255.17).CCLS.)) and ((\$15silyloxy or OTS or FDTS or FOTS or DDMS or DCDMS or DMDCS or dihalodialkylsilane or (dihalo adj dialkyl adj silane) or dialkyldihalosilane or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or dichlorodimethylsilane or dichlorodiethylsilane with (vapor\$3)	US-PGPUB USPAT; US-PGPUB	2004/11/03 09:59
		<pre>with (coat\$3 or film or layer or SAM or monolayer or apply\$3 or application or deposit\$3))</pre>		

23 4 (((427/58).CCLS.)	l HCDAm -	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55.6,255.23).CCLS.) USPAT; US-PGPUB	2004/11/03 10:00
((427/421).CCLS.)	55.6,255.23).CCLS.) US-PGPUB	
((427/255.18,255.27)	CCIS	
(427/255.16,255.27)) and ((\$15silyloxy or	
OTS or FDTS or FOTS	or DDMS or	
dihalodialkulgilano	or (dihalo adj dialkyl	
adj silane) or dialk	uldibalogilang om	
(dialkyl adj dihalo	yidinalosilane or	
dimethyldichlorosila	adj Silane) or	
dichlorodimethylsila	ne or	
diethyldichlorosilan	ne or	
dichlorodiethylsilan	e or	
dipropyldichlorosila	no or	
dichlorodipropylsila	ne or	
monolayer))	me) with (SAM Of	
24 32 ((\$15silyloxy or OTS	ON EDEC ON FORCE	
DDMS or DCDMS or DMD	aa '	2004/11/03 10:02
dihalodialkylsilana	US-PGPUB or (dihalo adj dialkyl	
adj silane) or dialk	or (dinaro adj diarkyr	
(dialkyl adj dihalo	adi silano) or	
dimethyldichlorosila	ne or	
dichlorodimethylsila	ne or	1
diethyldichlorosiland	or	
dichlorodiethylsilane	or	
dipropyldichlorosila	ne or	
dichlorodipropylsila	ne) with (wapor\$3)	
with (coat\$3 or film	or layer or SAM or	
monolayer or apply\$3	or application or	
deposit\$3))	or apprication or	
25 12 ((\$15silyloxy or OTS	or FDTS or FOTS or	0004/44/00
DDMS or DCDMS or DMDO		2004/11/03 10:06
dihalodialkylsilane	or (dihalo adj dialkyl US-PGPUB	,
adj silane) or dialky	Idihalosilane or	
(dialkyl adj dihalo a	idi silane) or	
dimethyldichlorosilar	ie or	
dichlorodimethylsilar	ie or	
diethyldichlorosilane	or	
dichlorodiethylsilane	or	İ
dipropyldichlorosilar	e or	
dichlorodipropylsilar	e) with (vapor\$3)	
near2 (water or moist	ure or H2O or	1
"H.sub.20" or "H.sub.	2 0"))]
26 149 ((\$15silyloxy or OTS	or FDTS or FOTS or HSPAT.	2004/11/03 10:06
DDMS or DCDMS or DMDC	S or US-PGPUB	2004/11/03 10:06
dihalodialkylsilane o	r (dihalo adi dialku)	
adj silane) or dialky	ldihalosilane or	
(dialkyl adj dihalo a	di silane) or	
dimethyldichlorosilan	e or	
dichlorodimethylsilan	e or	
diethyldichlorosilane	or] [
dichlorodiethylsilane	or	
dipropyldichlorosilan	e or	
dichlorodipropylsilan	e) with (moisture or	
H2O or "H.sub.20" or	"H.sub.2 O"))	

27	148	(((\$15silyloxy or OTS or FDTS or FOTS or DDMS or DCDMS or DMDCS or dihalodialkylsilane or (dihalo adj dialkyl adj silane) or dialkyldihalosilane or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or dichlorodimethylsilane or dichlorodiethylsilane or dichlorodiethylsilane or dichlorodiethylsilane or dichlorodipropylsilane) with (moisture or H2O or "H.sub.2O" or "H.sub.2 O"))) not (((\$15silyloxy or OTS or FDTS or FDTS or DDMS or DCDMS or DMDCS or dihalodialkylsilane or (dihalo adj dialkyl adj silane) or dialkyldihalosilane or	USPAT; US-PGPUB	2004/11/03 10:06
28		(dialkyl adj dihalo adj silane) or dimethyldichlorosilane or dichlorodimethylsilane or dichlorodiethylsilane or dichlorodiethylsilane or dipropyldichlorosilane or dipropyldichlorosilane or dichlorodipropylsilane) with (vapor\$3) near2 (water or moisture or H2O or "H.sub.2O"))) (((\$15silyloxy or OTS or FDTS or FOTS or DDMS or DMDS or DMDCS or DCDMS or dihalodialkylsilane or (dihalo adj dialkyl adj silane) or dialkyldihalosilane or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or dichlorodimethylsilane or dichlorodimethylsilane or dipropyldichlorosilane or dichlorodipropylsilane) with (vapor\$8 or \$4CVD) with (coat\$3 or film or layer or SAM or monolayer or apply\$3 or application or deposit\$3))) not (((\$15silyloxy or OTS or FDTS or FOTS or DDMS or dihalodialkylsilane or (dihalo adj dialkyl adj silane) or dialkyldihalosilane or	USPAT; US-PGPUB	2004/11/03 10:10
29	20	(dialkyl adj dihalo adj silane) or dimethyldichlorosilane or dichlorodimethylsilane or diethyldichlorosilane or diethyldichlorosilane or dipropyldichlorosilane or dipropyldichlorosilane or dipropyldichlorosilane or dichlorodipropylsilane) with (vapor\$3) with (coat\$3 or film or layer or SAM or monolayer or apply\$3 or application or deposit\$3))) (((MEMS or micromechanical or (micro adj mechanical) or (micro adj mechanical) or (micro adj mechanical) or nanoelectromechanical or (nano adj electro adj mechanical) or nemoelectromechanical or (nano adj electro adj mechanical) or NEMS or bioMEMS)) and ((\$4CVD or vapor\$4 or gas\$4) with (monolayer or (mono adj layer) or SAM))) and (((427/28).CCLS.) ((427/248.1,255.14,255.6,255.23).CCLS.) ((427/255.18,255.27).CCLS.)	USPAT; US-PGPUB	2004/11/03 10:11

30	(1 ((()) au miletome on anical of (mileto au)	EPO; JPO;	2004/11/03 10:14
		mechanical) or (microelectromechanical) or	DERWENT;	
		(micro adj electro adj mechanical) or	IBM TDB	
		nanoelectromechanical or (nano adj electro		
		adj mechanical) or NEMS or bioMEMS)) and		
1		((\$4CVD or vapor\$4 or gas\$4) with		
		(monolayer or (mono adj layer) or SAM)))		
		not ((((MEMS or micromechanical or (micro		
		adj mechanical) or		
		(microelectromechanical) or (micro adj		
		electro adj mechanical) or		
		nanoelectromechanical or (nano adj electro		
1		adj mechanical) or NEMS or bioMEMS)) and		
		((\$4CVD or vapor\$4 or gas\$4) with		
		(monolayer or (mono adj layer) or SAM)))		
	*	and (((427/58).CCLS.)		i
İ	İ	((427/248.1,255.14,255.6,255.23).CCLS.)		
		((427/421).CCLS.)		
		((427/255.18,255.27).CCLS.)		
		((427/255.17).CCLS.)))) and ((\$15silyloxy	n.	
		or OTS or FDTS or FOTS or DDMS or	1	
		dihalodialkylsilane or (dihalo adj dialkyl		
		adj silane) or dialkyldihalosilane or		
		(dialkyl adj dihalo adj silane) or		
		dimethyldichlorosilane or		
		dichlorodimethylsilane or		
	*	diethyldichlorosilane or		
		dichlorodiethylsilane or		
	İ	dipropyldichlorosilane or		
		dichlorodipropylsilane or \$12silane) same		
		(coat\$3 or film or layer or apply\$3 or		
		vapor\$4 or application or \$4CVD or		
2.1	1.0	monolayer or SAM or (mono adj layer)))		
31	19	T T T T T T T T T T T T T T T T T T T	USPAT;	2004/11/03 10:15
		mechanical) or (microelectromechanical) or	US-PGPUB	. ==, 13 = 1113
	i	(micro adj electro adj mechanical) or		1
		nanoelectromechanical or (nano adj electro		!
		adj mechanical) or NEMS or bioMEMS)) and		1
		((\$4CVD or vapor\$4 or gas\$4) with		
		(monolayer or (mono adj layer) or SAM)))		
		not ((((MEMS or micromechanical or (micro		
		adj mechanical) or		
		(microelectromechanical) or (micro adj		
		electro adj mechanical) or		
		nanoelectromechanical or (nano adj electro		
		adj mechanical) or NEMS or bioMEMS)) and		
		((\$4CVD or vapor\$4 or gas\$4) with		Į į
		(monolayer or (mono adj layer) or SAM)))		
		and (((427/58).CCLS.)		
		((427/248.1,255.14,255.6,255.23).CCLS.)		
		((427/421).CCLS.)	ı	
		((427/255.18,255.27).CCLS.)		
		((427/255.17).CCLS.)))) and ((\$15silyloxy		
		or OTS or FDTS or FOTS or DDMS or		
		dihalodialkylsilane or (dihalo adj dialkyl		1
		adj silane) or dialkyldihalosilane or		
	1	(dialkyl adj dihalo adj silane) or	i	1
		dimethyldichlorosilane or		Į.
		dichlorodimethylsilane or		1
		diethyldichlorosilane or		-
		dichlorodiethylsilane or		
		dipropyldichlorosilane or		·
		dichlorodipropylsilane or \$12silane) same		
		(coat\$3 or film or layer or apply\$3 or		İ
	j	vapor\$4 or application or \$4CVD or		}
	.L	monolayer or SAM or (mono adj layer)))		

32	144	((\$15silyloxy or dihalodialkylsilane or (dihalo adj dialkyl adj silane) or dialkyldihalosilane or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or	USPAT; US-PGPUB	2004/11/03 10:18
		dichlorodimethylsilane or diethyldichlorosilane or		
		dichlorodiethylsilane or dipropyldichlorosilane or		
		dichlorodipropylsilane or DCDMS or DMDCS or DDMS or DMDS) same (coat\$3 or film or		
		layer or apply\$3 or application or monolayer or SAM or (mono adj layer)) same		
33	21	(vapor\$8 or \$4CVD)) ((MEMS or micromechanical or (micro adj	USPAT;	2004/11/03 10:21
		mechanical) or (microelectromechanical) or (micro adj electro adj mechanical) or	US-PGPUB	1
		nanoelectromechanical or (nano adj electro adj mechanical) or NEMS or bioMEMS)) same		
		(((\$15silyloxy or dihalodialkylsilane or dihalo adj dialkyl adj silane) or		
		dialkyldihalosilane or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or		
		dichlorodimethylsilane or diethyldichlorosilane or		
		dichlorodiethylsilane or dipropyldichlorosilane or		
		dichlorodipropylsilane or DCDMS or DMDCS or DDMS)))		
34	14	(((MEMS or micromechanical or (micro adj mechanical) or (microelectromechanical) or	USPAT; US-PGPUB	2004/11/03 10:22
		(micro adj electro adj mechanical) or nanoelectromechanical or (nano adj electro	OS TGTOB	
·		adj mechanical) or NEMS or bioMEMS)) and (((\$15silyloxy or dihalodialkylsilane or		
		(dihalo adj dialkyl adj silane) or dialkyldihalosilane or (dialkyl adj dihalo		
	1	adj silane) or dimethyldichlorosilane or dichlorodimethylsilane or		
		diethyldichlorosilane or dichlorodiethylsilane or		
		dipropyldichlorosilane or DCDMS or DMDCS		
		or DDMS) with (coat\$3 or deposit\$3 or \$4CVD or apply\$3 or application or SAM or		
		monolayer or (mono adj layer) or vapor\$4 or gas\$4)))) not (((MEMS or		!
		micromechanical or (micro adi mechanical)		
	i	or (microelectromechanical) or (micro adj electro adj mechanical) or		
		nanoelectromechanical or (nano adj electro adj mechanical) or NEMS or bioMEMS)) same		
-		(((\$15silyloxy or dihalodialkylsilane or (dihalo adj dialkyl adj silane) or		
		dialkyldihalosilane or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or		
		dichlorodimethylsilane or diethyldichlorosilane or		
	(dichlorodiethylsilane or dipropyldichlorosilane or		
35		dichlorodipropylsilane or DCDMS or DMDCS or DDMS))))		
		(\$15silyloxy same (dihalodialkylsilane or (dihalo adj dialkyl adj silane) or	USPAT; US-PGPUB	2004/11/03 10:23
	ĺá	dialkyldihalosilane or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or		
	(dichlorodimethylsilane or diethyldichlorosilane or		·
	0	dichlorodiethylsilane or		İ
		dichlorodipropylsilane or DCDMS or DMDCS or DDMS))		

C 2. 6					
36		20	THE TENED OF THE OF THE CLO WATER	USPAT;	2004/11/03 10:24
	-		mechanical) or (microelectromechanical) or	US-PGPUB	
	- 1		(micro adj electro adj mechanical) or		
			nanoelectromechanical or (nano adj electro		
			adj mechanical) or NEMS or bioMEMS)) same		
	ŀ		(\$12silane) same (monolayer or SAM or		
37	1	4.2	(Mono adj layer))		
37		42	1	USPAT;	2004/11/03 10:26
	i		adj layer)) with (\$4CVD or gas\$4 or vapor\$3)	US-PGPUB	
38		6			
		0	(((\$15silyloxy or OTS or FDTS or FOTS or DDMS or DMDS or DMDCS or DCDMS or	EPO; JPO;	2004/11/03 10:28
			dihalodialkylsilane or (dihalo adj dialkyl	DERWENT;	
			adj silane) or dialkyldihalosilane or	IBM_TDB	
			(dialkyl adj dihalo adj silane) or		
			dimethyldichlorosilane or		
1			dichlorodimethylsilane or		
	-		diethyldichlorosilane or		
	-		dichlorodiethylsilane or		
			dipropyldichlorosilane or		
			dichlorodipropylsilane) with (vapor\$8 or		
			\$4CVD) with (coat\$3 or film or layer or		
		İ	SAM or monolayer or apply\$3 or application		
			or deposit\$3))) not ((((\$15silyloxy or		
			dihalodialkylsilane or (dihalo adi dialky)		
	- 1		adj silane) or dialkyldihalosilane or		
			(dialkyl adj dihalo adj silane) or		
			dimethyldichlorosilane or		
	İ		dichlorodimethylsilane or		
1			diethyldichlorosilane or		
			dichlorodiethylsilane or		
			dipropyldichlorosilane or		·
			dichlorodipropylsilane or DCDMS or DMDCS		
	1.		or DDMS or DMDS) same (coat\$3 or film or layer or apply\$3 or application or		
			monolayer or SAM or (mono adj layer)) same		
		1	(vapor\$8 or \$4CVD or gas\$4))) or		
			(((\$15silyloxy or OTS or FDTS or FOTS or		1
			DDMS or dihalodialkylsilane or (dihalo adj		
			dialkyl adj silane) or dialkyldihalosilane		!
	ļ		or (dialkyl adj dihalo adj silane) or		1
		1	dimethyldichlorosilane or		ļ
			dichlorodimethylsilane or		
			diethyldichlorosilane or		
	ŀ		dichlorodiethylsilane or		
	İ		dipropyldichlorosilane or		
		1	dichlorodipropylsilane) with (vapor\$3)		1
	Ì	İ	with (coat\$3 or film or layer or SAM or		[
		j	monolayer or apply\$3 or application or		
39	- 1		deposit\$3))))		1
		2	((MEMS or micromechanical or (micro adj	EPO; JPO;	2004/11/03 10:28
		ļ	mechanical) or (microelectromechanical) or (micro adj electro adj mechanical) or	DERWENT;	İ
			nanoelectromechanical or (nano adj electro	IBM_TDB	
			adj mechanical) or NEMS or bioMEMS)) and		
			(((\$15silyloxy or dihalodialkylsilane or]
	-		(dihalo adj dialkyl adj silane) or		
			dialkyldihalosilane or (dialkyl adj dihalo		
			adj silane) or dimethyldichlorosilane or		
	.		dichlorodimethylsilane or	1	
		1	diethyldichlorosilane or		ļ
			dichlorodiethylsilane or		
		1 '	dipropyldichlorosilane or		
		1	dichlorodipropylsilane or DCDMS or DMDCS		ļ
			or DDMS)))		

40		(015-1)	1	10004/:::::
4.0	0	(\$15silyloxy same (dihalodialkylsilane or (dihalo adj dialkyl adj silane) or dialkyldihalosilane or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or dichlorodimethylsilane or	EPO; JPO; DERWENT; IBM_TDB	2004/11/03 10:29
		diethyldichlorosilane or dichlorodiethylsilane or dipropyldichlorosilane or		
-		dichlorodipropylsilane or DCDMS or DMDCS or DDMS))		
41	1	((MEMS or micromechanical or (micro adj mechanical) or (microelectromechanical) or (micro adj electro adj mechanical) or nanoelectromechanical or (nano adj electro adj mechanical) or NEMS or bioMEMS)) same (\$12silane) same (monolayer or SAM or	EPO; JPO; DERWENT; IBM_TDB	2004/11/03 10:29
42	12	(Mono adj layer)) \$12silane same (SAM or monolayer or (mono adj layer)) same (\$4CVD or gas\$4 or vapor\$3)	EPO; JPO; DERWENT;	2004/11/03 10:30
43	4	((\$15silyloxy or dihalodialkylsilane or (dihalo adj dialkyl adj silane) or dialkyldihalosilane or (dialkyl adj dihalo adj silane) or dimethyldichlorosilane or dichlorodimethylsilane or diethyldichlorosilane or	IBM_TDB EPO; JPO; DERWENT; IBM_TDB	2004/11/03 10:31
		dichlorodiethylsilane or dipropyldichlorosilane or dichlorodipropylsilane or DCDMS or DMDCS or DDMS or \$14silane)) and (((MEMS or micromechanical or (micro adj mechanical)		
		or (microelectromechanical) or (micro adj electro adj mechanical) or nanoelectromechanical or (nano adj electro adj mechanical) or NEMS or bioMEMS)) and (SAM or monolayer or (mono adj layer)))		
44	607	(\$10silane near3 (SAM or coat\$3 or film or layer or deposit\$3 or monolayer)) and ((\$4CVD or vapor\$3) with (DCDMS or DMDCS or DDMS or \$12halosilane or \$12alkylsilane or \$12silane or \$12chlorosilane or \$12methylsilane) same (H2O or water or "H.sub.2O" or "H.sub.2O" or humid\$3 or moisture))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/03 10:38
45	24	((\$10silane near3 (SAM or coat\$3 or film or layer or deposit\$3 or monolayer)) and ((\$4CVD or vapor\$3) with (DCDMS or DMDCS or DDMS or \$12halosilane or \$12alkylsilane or \$12silane or \$12chlorosilane or \$12methylsilane) same (H2O or water or "H.sub.2O" or "H.sub.2 O" or humid\$3 or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/03 10:35
46	180	((427/248.1,255.14,255.6,255.23).CCLS.) ((427/421).CCLS.) ((427/255.18,255.27).CCLS.) ((427/255.17).CCLS.) ((427/255.17).CCLS.) (\$10silane near3 (SAM or coat\$3 or film or layer or deposit\$3 or monolayer)) and ((\$4CVD or vapor\$3) near2 (DCDMS or DMDCS or DDMS or \$12halosilane or \$12alkylsilane or \$12silane or \$12chlorosilane or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/03 10:40
46	180	\$12methylsilane) same (H2O or water or "H.sub.2O" or "H.sub.2 O" or humid\$3 or moisture))) and (((427/58).CCLS.) ((427/248.1,255.14,255.6,255.23).CCLS.) ((427/421).CCLS.) ((427/255.18,255.27).CCLS.) ((427/255.17).CCLS.) ((427/255.17).CCLS.)) (\$10silane near3 (SAM or coat\$3 or film or layer or deposit\$3 or monolayer)) and ((\$4CVD or vapor\$3) near2 (DCDMS or DMDCS or DDMS or \$12halosilane or \$12alkylsilane	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/1

47	160	(/(010-11		
***	169	((\$10silane near3 (SAM or coat\$3 or film or layer or deposit\$3 or monolayer)) and ((\$4CVD or vapor\$3) near2 (DCDMS or DMDCS or DDMS or \$12halosilane or \$12alkylsilane or \$12silane or \$12chlorosilane or \$12methylsilane) same (H2O or water or "H.sub.2O" or "H.sub.2 O" or humid\$3 or moisture))) not (((\$10silane near3 (SAM or coat\$3 or film or layer or deposit\$3 or monolayer)) and ((\$4CVD or vapor\$3) with (DCDMS or DMDCS or DDMS or \$12halosilane or \$12alkylsilane or \$12silane or \$12chlorosilane or \$12methylsilane) same (H2O or water or "H.sub.2O" or "H.sub.2 O" or humid\$3 or moisture))) and (((427/58).CCLS.) ((427/248.1,255.14,255.6,255.23).CCLS.) ((427/255.18,255.27).CCLS.) ((427/255.17).CCLS.) ((427/255.17).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/03 10:41
48		(((\$10silane near3 (SAM or coat\$3 or film or layer or deposit\$3 or monolayer)) and ((\$4CVD or vapor\$3) near2 (DCDMS or DMDCS or DDMS or \$12halosilane or \$12alkylsilane or \$12silane or \$12chlorosilane or \$12methylsilane) same (H2O or water or "H.sub.2O" or "H.sub.2 O" or humid\$3 or moisture))) not (((\$10silane near3 (SAM or coat\$3 or film or layer or deposit\$3 or monolayer)) and ((\$4CVD or vapor\$3) with (DCDMS or DMDCS or DDMS or \$12halosilane or \$12alkylsilane or \$12silane or \$12chlorosilane or \$12methylsilane) same (H2O or water or "H.sub.2O" or "H.sub.2 O" or humid\$3 or moisture))) and (((427/58).CCLS.) ((427/248.1,255.14,255.6,255.23).CCLS.) ((427/255.18,255.27).CCLS.) ((427/255.17).CCLS.)))) and ((non or "not") near2 oxidiz\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/03 10:42

49	164	(((\$10silane near3 (SAM or coat\$3 or film	USPAT;	2004/11/02 10 46
		or layer or deposit\$3 or monolayer)) and	1	2004/11/03 10:42
		((\$4CVD or vapor\$3) near2 (DCDMS or DMDCS	US-PGPUB;	
		or DDMC or (12belesiles - 410 11 1 11	EPO; JPO;	
		or DDMS or \$12halosilane or \$12alkylsilane	DERWENT;	
İ		or \$12silane or \$12chlorosilane or	IBM_TDB	
		\$12methylsilane) same (H2O or water or		1
1		"H.sub.20" or "H.sub.2 0" or humid\$3 or		
		moisture))) not (((\$10silane near3 (SAM		1
		or coat\$3 or film or layer or deposit\$3 or		
		monolayer)) and ((\$4CVD or vapor\$3) with		
- 1		(DCDMS or DMDCS or DDMS or \$12halosilane		
		or \$12alkylsilane or \$12silane or		
		\$12chlorosilane or \$12methylsilane) same		
		(H2O or water or "H.sub.20" or "H.sub.2 0"		Í
		or humid\$3 or moisture))) and		
		(((427/58).CCLS.)		
		((427/248.1,255.14,255.6,255.23).CCLs.)		
		((427/421).CCLS.)		
		((427/255.18,255.27).CCLS.)		·
		((427/255.17).CCLS.)))) not (((\$10silane)		
		near3 (SAM or coat\$3 or film or layer or		
		denosits or manalesses) and ((cases		
1		deposit\$3 or monolayer)) and ((\$4CVD or		
		vapor\$3) near2 (DCDMS or DMDCS or DDMS or		
ŀ		\$12halosilane or \$12alkylsilane or		
	.	\$12silane or \$12chlorosilane or		
1		\$12methylsilane) same (H2O or water or		
	["H.sub.20" or "H.sub.2 0" or humid\$3 or		
		moisture))) not (((\$10silane near3 (SAM		
		or coat\$3 or film or layer or deposit\$3 or		
		monolayer)) and ((\$4CVD or vapor\$3) with		
ľ		(DCDMS or DMDCS or DDMS or \$12halosilane		
		or \$12alkylsilane or \$12silane or		
		\$12chlorosilane or \$12methylsilane) same		
		(H2O or water or "H.sub.20" or "H.sub.2 0"		
		or humid\$3 or moisture))) and		
1		(((427/58).CCLS.)		
j	1	((427/248.1,255.14,255.6,255.23).CCLS.)		
İ	İ	((427/421).CCLS.)		
	1	((427/255.18,255.27).CCLS.)		
		((427/255.17).CCLS.)))) and ((non or		
		"not") near2 oxidiz\$6))		